

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
STANDARD SPECIFICATIONS AND DETAILS COMMITTEE

March 3, 1999
Maricopa Association of Governments Office, Ocotillo Room
302 North First Avenue
Phoenix, Arizona

VOTING MEMBERS

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|-----------------------|--------------------------------------|
| Carl Doak, Chandler | Lisa Ruane, Peoria |
| Mark Weiner, Gilbert | Jeff Van Skike, Phoenix (St. Trans.) |
| Pat Thurman, Glendale | Roger Olsen, Phoenix (Water) |
| *Joe Evans, Goodyear | Rod Ramos, Scottsdale |
| Bob Erdman, MCDOT | Andy Goh, Tempe |
| Doug Davis, Mesa | |

ADVISORY MEMBERS

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|------------------------|----------------------------------|
| James Pulice, Jr., AGC | Jeff Benedict, ARPA |
| *Jim Grose, AGC | *Peter Kandaris, SRP Engineering |
| Paul Nebeker, UTCA | Mike Bonar, ACEA |
| Tom Domizi, UTCA | |

OTHERS PRESENT

Todd Venable & Dale Phelan, Advanced Drainage Systems, Inc.
Will Garvison, AGC
Paul Ward, MAG

*Members neither present nor represented by proxy.

1. Call to Order

The meeting was called to order at 1:37 p.m.

2. Approval of Minutes

The minutes of February 3, 1999 were approved as noted.

Changes to the minutes: Carl Doak was not at the last meeting and Rod Ramos was at the last meeting. The switch occurred when the MAG staff retyped the minutes.

3. Submitted Cases:

- a. **99-01 - Section 603.4.2 - HDPE Pipe Bedding:** Rod Ramos discussed the case. He provided a packet of material to Doug Davis. The material addressed the question Doug Davis presented

in the last meeting. Doug was concerned about the support provided by the backfill between the ribs of the pipe. A copy of the material will be provided in the next monthly packet.

4. New Cases:

- a. **99-02-A - Section 321.4.4 - Optimum Moisture:** Doug Davis submitted this typo case via the monthly packet. The wrong AASHTO number was placed in the specifications. AASHTO T 127 should be AASHTO T 217.
- b. **99-02-B - Detail 100 - Index:** Doug Davis submitted this typo case via the monthly packet. The wrong detail number was placed on the Detail 100. Detail Number 101 should be Detail number 100. Roger Olsen noted that page 2 of the detail had page 1 on the submitted case.
- c. **99-03 - Section 104 - Partnering:** Pat Thurman submitted one copy of a case to include partnering in Section 104. Copies will be mailed to the members in the monthly packet for their review and comments.

5. General Discussion:

- a. Doug Davis provided a short update to the MAG Specifications and Details on the Internet. MAG Administration obtained permission to place the specs and details on MAG's web site. As discussed in the last meeting, MAG's web site is on Maricopa County's computer and the computer has a capacity problem. MAG staff is now underway with changing the format of the specifications from WordPerfect to PDF. Once complete, the specifications will be placed on the site. The details will require more time and space in the computer. Only a few details will be placed on the site at a time. The computer space will be monitored. We may not be able to place all of the details on the web site.
- b. Jeff Benedict discussed the proposed changes that AASHTO will be making to their Superpave mix design. A copy of the changes were placed in last months packet.
- c. Bob Erdman will be submitting several cases next meeting. Some of the topic matter the cases will cover are concrete strength of driveways, measurement of pipe through manholes, concrete slump on delivery tickets, etc. Last year, the committee discussed a case that would compare the specifications with that of the latest Arizona Revised Statutes. Bob asked for a status on the case. Little has been done. Doug Davis will re-fax the list of ARS in MAG to Rod Ramos for his action. Bob also asked for the status of the Metric version of the MAG. The current latest status was unknown, however, MAG Administration has been working on the updates. It should be out in the next couple of months.
- d. Rod Ramos initiated a discussion regarding the test pressures of water lines relative to the pressure rating and warranties of peripheral fitting. This issue was brought forward by his water operations people. Paul Nebeker noted that the fire hydrants were rated for 150 psi and he has experienced problems with the 200 psi test required by MAG. Doug Davis reviewed the last change in the test pressures and how they were developed.
- e. Lisa Ruane requested information from the other cities regarding the maximum limits of open trench.

Specification 601.2.10 allow 1320 feet of open trench. Regarding subdivision work, none of the cities spoke up and in turn, was assumed that they did not control the length of open trench. Mesa shortens the length as low as 300 feet in existing (developed) areas. This will provide better access to residents and businesses. Paul Nebeker noted that if the contractor is held to 1320 feet in subdivisions, it will severely impact the time for the contractor to install the underground improvement.

- f. Doug Davis reported that the City of Mesa has developed a policy to determine the Plasticity Index of lime-modified base material. Through laboratory testing, it has been determined that the lime-modified aggregates may cause erroneous test results when exposed to air and/or large volumes of water for extended periods of time. The policy controls the amount of water used in testing and limits the time the sample is exposed to air. If any one has any information on the topic, Doug requested that it be sent or relayed to him.

6. Adjournment:

The meeting was adjourned at 2:25 p.m.